

U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not yet known
				Filing Date	June 19, 2006
				First Named Inventor	Svante Signell
				Art Unit	Not yet known
				Examiner Name	Not yet known
SHEET	1	OF	1	Attorney Docket Number	P20144-US1

U. S. PATENT DOCUMENTS				
Examiner's Initials	Cite No.	Document Number (Number-Kind-Code)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
Change(s) applied to document, /L.M.C./ 3/31/201	AA	US-6377558-B1	04-23-2002	Dent 6,377,558

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Y/N

NONPATENT LITERATURE DOCUMENT					T
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
	AB	KYRITSIS, P. "MIMO capacity in free space and above perfect ground: theory and experimental results" In: THE 13 <sup>th</sup> IEEE INTERNATIONAL SYMPOSIUM ON PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 2002. 15-18 Sept 2002, Vol. 1, pages 182-186, INSPEC AN 7690963 see Chapter II and IV and Abstract, Introduction and Figures 1-2			
	AC	DRIESSEN, P.F. et al. "On the capacity formula for multiple input multiple output wireless channels: a geometric interpretation" In: 1999 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, 1999. ICC '99. Vancouver, BC, Canada, 6-10 June 1999, Vol. 3, pages 1603-1607, INSPEC AN: 6460567, see Chapter II/A. Line-of-sight channels and Chapter I			
	AD	HUTTER, A.A et al. "Analysis of MIMO capacity gains for indoor propagation channels with LOS component" In: The 13 <sup>th</sup> IEEE INTERNATIONAL SYMPOSIUM ON PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 2002. 15-18 Sept 2002, Vol. 3, pages 1337-1341-INSPEC AN: 7678098 see Abstract and Chapter III and Figures 2,3			
	AE	3 <sup>rd</sup> AusCTW, Feb. 4-5, 2002 Ying Tan et al: "Spatial Characterization of Indoor Radio Channel Measurements at 2.5 GHZ" see Chapter III, Chapter I, Abstract and Figures 7.8 and Tables 1-4			
	AF	STURZEBECKER, D et al. "MMIC antenna front end for optically distributed MMW antennas" In: IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST, 1995. Orlando, FL, USA. 16-20 May 1995. Vol 3, pages 1107-1110, INSPEC AN: 5016593, see Introduction and Abstract			

Examiner Signature	/Tan Ho/	Date Considered	05/22/2010
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.H./